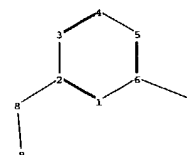
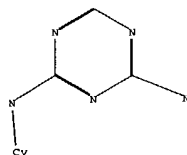


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chain nodes :

7 8 9

ring nodes :

1 2 3 4 5 6

chain bonds :

2-8 6-7 8-9

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

2-8 6-7 8-9

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom

Element Count :

Node 9: Limited

S,S1-3

O,O0

N,N0

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Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:00:40 ON 03 FEB 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:00:48 ON 03 FEB 2004

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 FEB 2004 HIGHEST RN 645336-91-0

DICTIONARY FILE UPDATES: 2 FEB 2004 HIGHEST RN 645336-91-0

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

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Uploading C:\STNEXP4\QUERIES\100316457.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

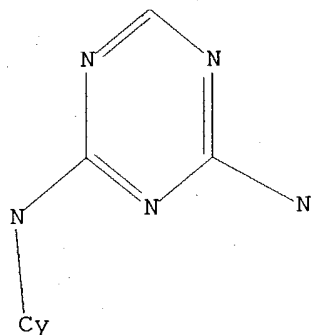
=> d l1

L1 HAS NO ANSWERS

L1 STR

10/031,645

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Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 15:01:12 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4673 TO ITERATE

21.4% PROCESSED 1000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 89362 TO 97558

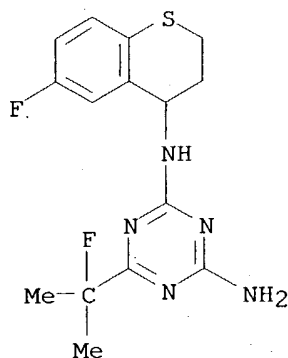
PROJECTED ANSWERS: 1 TO 222

L3 1 SEA SSS SAM L1

=> d scan

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L3 1 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN 1,3,5-Triazine-2,4-diamine, N-(6-fluoro-3,4-dihydro-2H-1-benzothiopyran-4-yl)-6-(1-fluoro-1-methylethyl)- (9CI)  
MF C15 H17 F2 N5 S



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

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=> s l1 sss ful

FULL SEARCH INITIATED 15:01:50 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 90752 TO ITERATE

100.0% PROCESSED 90752 ITERATIONS  
SEARCH TIME: 00.00.02

55 ANSWERS

L4 55 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.84

156.05

FILE 'CAPLUS' ENTERED AT 15:01:57 ON 03 FEB 2004

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FILE COVERS 1907 - 3 Feb 2004 VOL 140 ISS 6  
FILE LAST UPDATED: 2 Feb 2004 (20040202/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L5 21 L4

=> d l5 1-21 bib hitstr

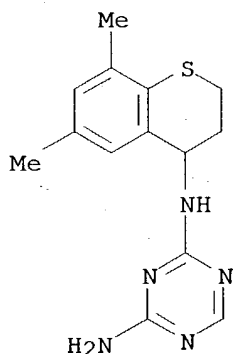
V. Balasubramanian

L5 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:678793 CAPLUS  
DN 139:214493  
TI Preparation of 2-amino-4-naphthylamino-6H-1,3,5-triazines as herbicides  
and plant growth regulators.  
IN Minn, Klemens; Ahrens, Hartmut; Dietrich, Hansjoerg; Willms, Lothar;  
Auler, Thomas; Bieringer, Hermann; Menne, Hubert  
PA Bayer CropScience GmbH, Germany  
SO PCT Int. Appl., 111 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003070710	A1	20030828	WO 2003-EP1157	20030206
	W:	AE, AG, AL, AM, AU, AZ, BA, BB, BR, BY, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, RU, SC, SG, TJ, TM, TN, TT, UA, US, UZ, VC, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

	DE 10207037	A1	20030828	DE 2002-10207037	20020220
	US 2004002424	A1	20040101	US 2003-368856	20030218
PRAI	DE 2002-10207037	A	20020220		
OS	MARPAT 139:214493				
IT	<b>586978-63-4P</b>				

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of diaminotriazines as herbicides and plant growth regulators)  
RN 586978-63-4 CAPLUS  
CN 1,3,5-Triazine-2,4-diamine, N-(3,4-dihydro-6,8-dimethyl-2H-1-benzothiopyran-4-yl)- (9CI) (CA INDEX NAME)



RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

V. Balasubramanian

L5 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:633512 CAPLUS  
DN 139:173823  
TI 2,4,6-Triamino-1,3,5-triazine derivative  
IN Kubota, Hideki; Suzuki, Takeshi; Miura, Masanori; Nakai, Eiichi; Yahiro,  
Kiyoshi; Miyake, Akira; Mochizuki, Shinobu; Nakatou, Kazuhiro  
PA Yamanouchi Pharmaceutical Co., Ltd., Japan  
SO PCT Int. Appl., 95 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003066099	A1	20030814	WO 2003-JP1065	20030203
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI JP 2002-28844 A 20020205

IT 578014-20-7P 578014-21-8P 578014-22-9P

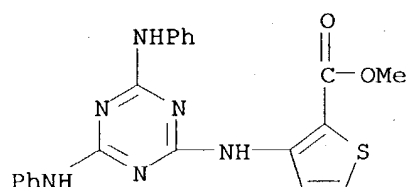
578014-57-0P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(2,4,6-triamino-1,3,5-triazine deriv. as BECl potassium channel inhibitor for treating dementia)

RN 578014-20-7 CAPLUS

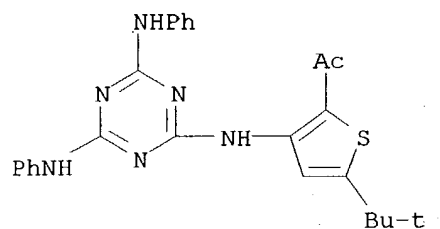
CN 2-Thiophenecarboxylic acid, 3-[[4,6-bis(phenylamino)-1,3,5-triazin-2-yl]amino]-, methyl ester (9CI) (CA INDEX NAME)



RN 578014-21-8 CAPLUS

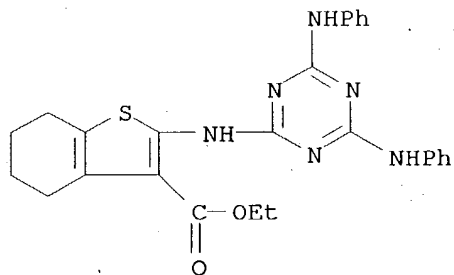
CN Ethanone, 1-[3-[[4,6-bis(phenylamino)-1,3,5-triazin-2-yl]amino]-5-(1,1-dimethylethyl)-2-thienyl]- (9CI) (CA INDEX NAME)

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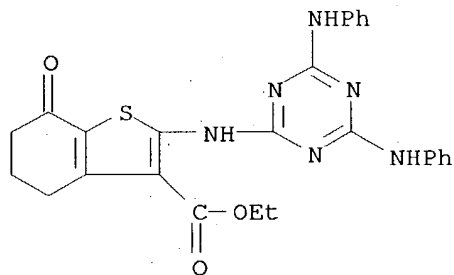
RN 578014-22-9 CAPLUS

CN Benzo[b]thiophene-3-carboxylic acid, 2-[[4,6-bis(phenylamino)-1,3,5-triazin-2-yl]amino]-4,5,6,7-tetrahydro-, ethyl ester (9CI) (CA INDEX NAME)



RN 578014-57-0 CAPLUS

CN Benzo[b]thiophene-3-carboxylic acid, 2-[[4,6-bis(phenylamino)-1,3,5-triazin-2-yl]amino]-4,5,6,7-tetrahydro-7-oxo-, ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT



V. Balasubramanian

L5 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:242296 CAPLUS

DN 138:255256

TI Preparation of triazines as inhibitors of glycated protein-produced induction of the signaling-assocd. inflammatory response in endothelial cells

IN Timmer, Richard T.; Alexander, Christopher W.; Pillarisetti, Sivaram; Saxena, Uday; Campbell, Karen A.

PA Reddy US Therapeutics, Inc., USA

SO PCT Int. Appl., 396 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003024926	A2	20030327	WO 2002-US30177	20020923
	WO 2003024926	A3	20031211		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI US 2001-324147P P 20010921

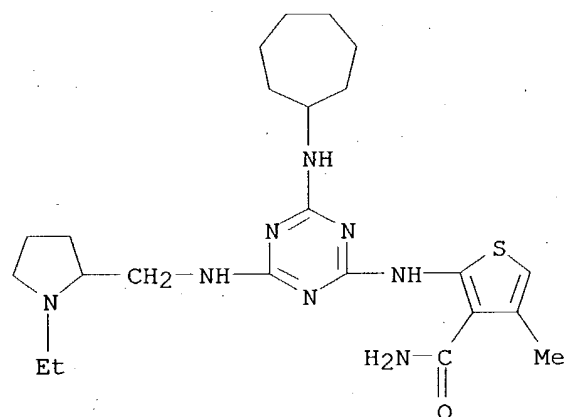
OS MARPAT 138:255256

IT **502766-60-1P**, 2-[[4-(Cycloheptylamino)-6-[[[(1-ethylpyrrolidin-2-yl)methyl]amino]-1,3,5-triazin-2-yl]amino]-4-methyl-3-thiophenecarboxamide  
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)  
(drug candidate; prepn. of triazines as inhibitors of glycated protein-produced induction of signaling-assocd. inflammatory response in endothelial cells)

RN 502766-60-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[[4-(cycloheptylamino)-6-[[[(1-ethyl-2-pyrrolidinyl)methyl]amino]-1,3,5-triazin-2-yl]amino]-4-methyl- (9CI) (CA INDEX NAME)

V. Balasubramanian



V. Balasubramanian

L5 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:736893 CAPLUS

DN 137:247719

TI Preparation of s-triazines and pyrimidines for pharmaceutical use as cytokine, especially TNF-.alpha., inhibitors

IN Moriarty, Kevin Joseph; Shimshock, Yvonne; Ahmed, Gulzar; Wu, Junjun; Wen, James; Li, Wei; Erickson, Shawn David; Letourneau, Jeffrey John; McDonald, Edward; Leftheris, Katerina; Wroblewski, Stephen T.; Hussain, Zahid; Henderson, Ian; Metzger, Axel; Baldwin, John J.; Dyckman, Alaric J.

PA USA

SO U.S. Pat. Appl. Publ., 161 pp., Cont.-in-part of U.S. Ser. No. 747,195.  
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002137747	A1	20020926	US 2001-891750	20010626
	US 2002065270	A1	20020530	US 2000-747195	20001222
	WO 2003002542	A1	20030109	WO 2002-US20212	20020625
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1999-173227P	P	19991228		
	US 2000-747195	A2	20001222		
	US 2001-891750	A	20010626		

OS MARPAT 137:247719

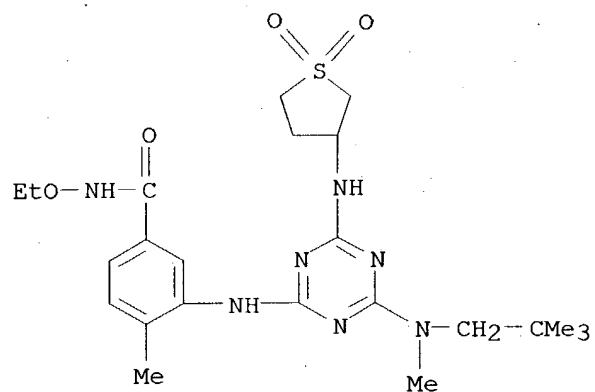
IT **460722-76-3P**, 2-(Methyl(neopentyl)amino)-4-((5-(N-ethoxycarbamoyl)-2-methylphenyl)amino)-6-((1,1-dioxo-3-thiolanyl)amino)-1,3,5-triazine  
**460722-79-6P**, 2-(Methyl(neopentyl)amino)-4-((5-carbamoyl-2-methylphenyl)amino)-6-((1,1-dioxo-3-thiolanyl)amino)-1,3,5-triazine  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of s-triazines and pyrimidines for pharmaceutical use as cytokine, esp. TNF-.alpha., inhibitors)

RN 460722-76-3 CAPLUS

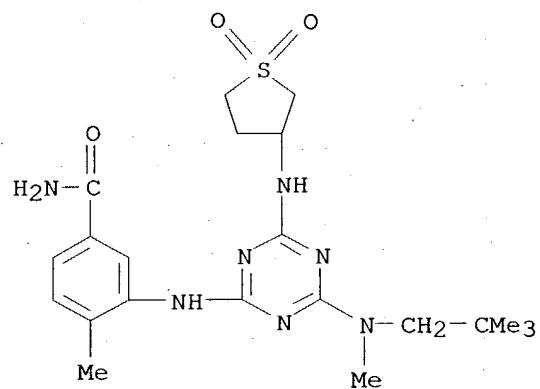
CN Benzamide, 3-[[4-[(2,2-dimethylpropyl)methylamino]-6-[(tetrahydro-1,1-dioxido-3-thienyl)amino]-1,3,5-triazin-2-yl]amino]-N-ethoxy-4-methyl-  
(9CI) (CA INDEX NAME)

V. Balasubramanian



RN 460722-79-6 CAPLUS

CN Benzamide, 3-[[4-[(2,2-dimethylpropyl)methylamino]-6-[(tetrahydro-1,1-dioxido-3-thienyl)amino]-1,3,5-triazin-2-yl]amino]-4-methyl- (9CI) (CA INDEX NAME)



V. Balasubramanian

L5 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:63502 CAPLUS

DN 136:114239

TI Triazine derivatives and agrochemicals containing them

IN Kita, Hiroshi; Nakata, Hisashi; Teraji, Hiroki; Sakurai, Yasuhiro;  
Morimoto, Katsuyuki; Watanabe, Shigeomi; Nakahira, Kunimitsu; Hamada,  
Nobuyuki; Oki, Toru; Noguchi, Junko

PA Nissan Chemical Industries, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 22 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002020383	A2	20020123	JP 2000-198879	20000630
PRAI	JP 2000-198879		20000630		

OS MARPAT 136:114239

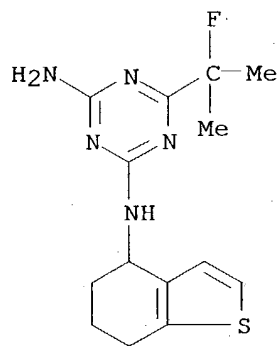
IT **306283-47-6P 389795-50-0P 389795-56-6P**

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN  
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(prepn. of (heteocyclylamino)triazines as agrochems. esp. as  
herbicides)

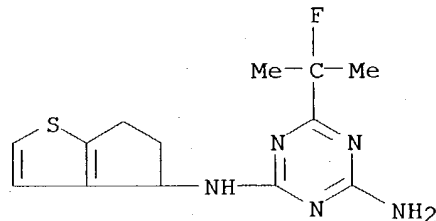
RN 306283-47-6 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, 6-(1-fluoro-1-methylethyl)-N-(4,5,6,7-  
tetrahydrobenzo[b]thien-4-yl)- (9CI) (CA INDEX NAME)



RN 389795-50-0 CAPLUS

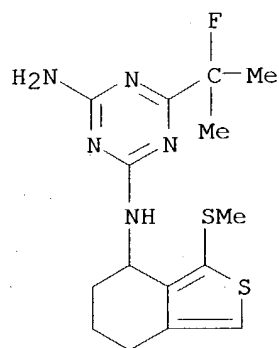
CN 1,3,5-Triazine-2,4-diamine, N-(5,6-dihydro-4H-cyclopenta[b]thien-4-yl)-6-  
(1-fluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



V. Balasubramanian

RN 389795-56-6 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, 6-(1-fluoro-1-methylethyl)-N-[4,5,6,7-tetrahydro-3-(methylthio)benzo[c]thien-4-yl]- (9CI) (CA INDEX NAME)



V. Balasubramanian

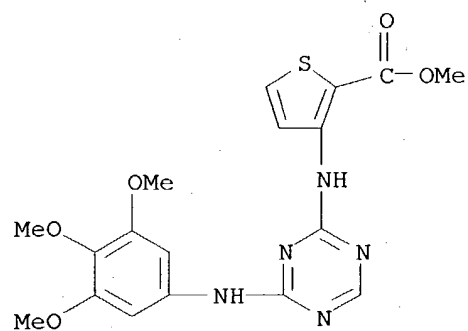
L5 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:265404 CAPLUS  
DN 134:295842  
TI Preparation of triazine kinase inhibitors  
IN Armistead, David M.; Bemis, Jean E.; Buchanan, John L.; Dipietro, Lucian V.; Elbaum, Daniel; Habgood, Gregory J.; Kim, Joseph L.; Marshall, Teresa L.; Geuns-Meyer, Stephanie D.; Novak, Perry M.; Nunes, Joseph J.; Patel, Vinod F.; Toledo-Sherman, Leticia M.; Zhu, Xiaotian  
PA Kinetix Pharmaceuticals Inc., USA  
SO PCT Int. Appl., 376 pp.  
CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001025220	A1	20010412	WO 2000-US27811	20001006
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1218360	A1	20020703	EP 2000-972036	20001006
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
	JP 2003511378	T2	20030325	JP 2001-528166	20001006
PRAI	US 1999-158176P	P	19991007		
	US 1999-166978P	P	19991123		
	US 1999-170378P	P	19991213		
	US 2000-183263P	P	20000217		
	US 2000-215576P	P	20000630		
	US 2000-219801P	P	20000720		
	WO 2000-US27811	W	20001006		
OS	MARPAT 134:295842				
IT	333728-33-9P				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(prepn. of triazine kinase inhibitors for inhibiting angiogenesis or vasculogenesis)				
RN	333728-33-9 CAPLUS				
CN	2-Thiophenecarboxylic acid, 3-[[4-[(3,4,5-trimethoxyphenyl)amino]-1,3,5-triazin-2-yl]amino]-, methyl ester (9CI) (CA INDEX NAME)				

V. Balasubramanian



RE.CNT 13      THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT



V. Balasubramanian

L5 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:807722 CAPLUS

DN 133:350251

TI Substituted thienocycloalk(en)ylamino-1,3,5-triazines as herbicides

IN Kather, Kristian; Lehr, Stefan; Riebel, Hans-Jochem; Voigt, Katharina;  
Drewes, Mark Wilhelm; Feucht, Dieter; Pontzen, Rolf; Wetcholowsky, Ingo

PA Bayer A.-G., Germany

SO Ger. Offen., 24 pp.

CODEN: GWXXBX

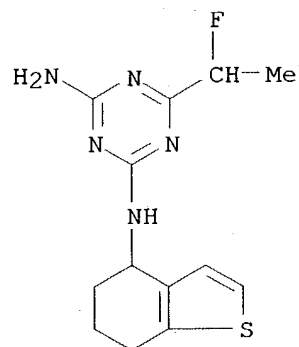
DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19921883	A1	20001116	DE 1999-19921883	19990512
	WO 2000069854	A1	20001123	WO 2000-EP3928	20000502
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
	RW:			GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
	BR 2000010488	A	20020213	BR 2000-10488	20000502
	EP 1178985	A1	20020213	EP 2000-927120	20000502
	EP 1178985	B1	20030409		
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO	
	JP 2002544273	T2	20021224	JP 2000-618271	20000502
	AT 236901	E	20030415	AT 2000-927120	20000502
	AU 760414	B2	20030515	AU 2000-45602	20000502
	ES 2191621	T3	20030916	ES 2000-927120	20000502
	CN 1130360	B	20031210	CN 2000-807458	20000502
PRAI	DE 1999-19921883	A	19990512		
	WO 2000-EP3928	W	20000502		
OS	MARPAT 133:350251				
IT	<b>306283-46-5P</b>				
	RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of substituted thienocycloalk(en)ylamino-1,3,5-triazines as herbicides)				
RN	306283-46-5 CAPLUS				
CN	1,3,5-Triazine-2,4-diamine, 6-(1-fluoroethyl)-N-(4,5,6,7-tetrahydrobenzo[b]thien-4-yl)- (9CI) (CA INDEX NAME)				

V. Balasubramanian



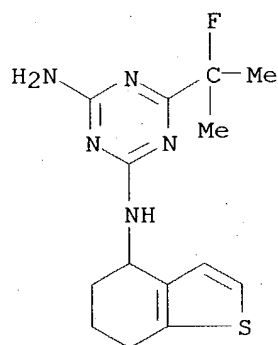
IT 306283-47-6P 306283-48-7P 306283-49-8P  
306283-50-1P 306283-51-2P 306283-52-3P  
306283-53-4P 306283-54-5P 306283-55-6P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of substituted thienocycloalk(en)ylamino-1,3,5-triazines as herbicides)

RN 306283-47-6 CAPLUS

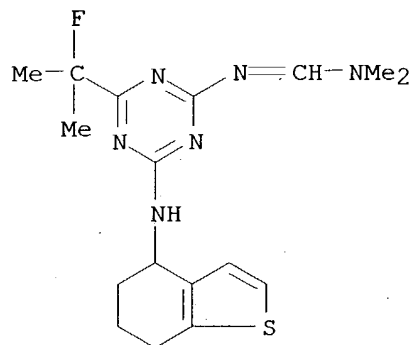
CN 1,3,5-Triazine-2,4-diamine, 6-(1-fluoro-1-methylethyl)-N-(4,5,6,7-tetrahydrobenzo[b]thien-4-yl)- (9CI) (CA INDEX NAME)



RN 306283-48-7 CAPLUS

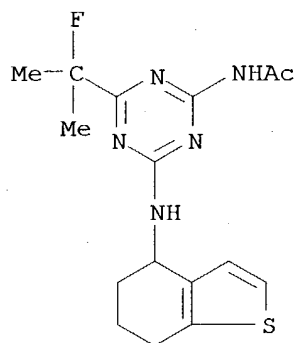
CN Methanimidamide, N'-[4-(1-fluoro-1-methylethyl)-6-[(4,5,6,7-tetrahydrobenzo[b]thien-4-yl)amino]-1,3,5-triazin-2-yl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

V. Balasubramanian



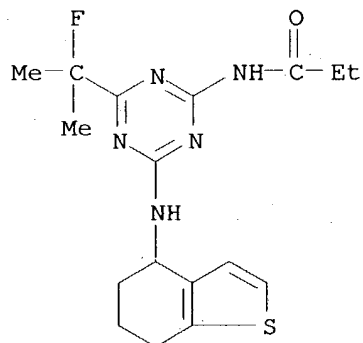
RN 306283-49-8 CAPLUS

CN Acetamide, N-[4-(1-fluoro-1-methylethyl)-6-[(4,5,6,7-tetrahydrobenzo[b]thien-4-yl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



RN 306283-50-1 CAPLUS

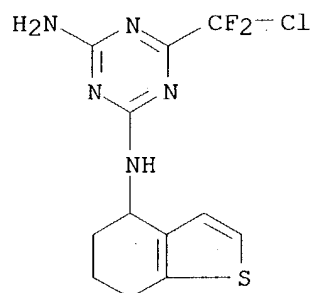
CN Propanamide, N-[4-(1-fluoro-1-methylethyl)-6-[(4,5,6,7-tetrahydrobenzo[b]thien-4-yl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



RN 306283-51-2 CAPLUS

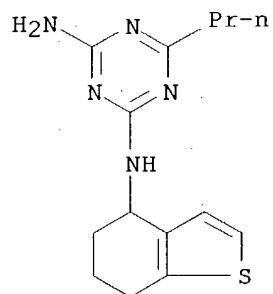
CN 1,3,5-Triazine-2,4-diamine, 6-(chlorodifluoromethyl)-N-(4,5,6,7-tetrahydrobenzo[b]thien-4-yl)- (9CI) (CA INDEX NAME)

V. Balasubramanian



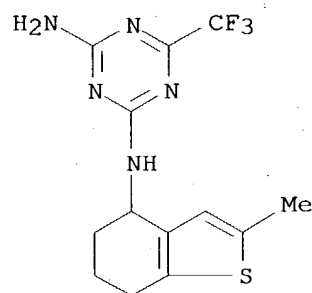
RN 306283-52-3 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, 6-propyl-N-(4,5,6,7-tetrahydrobenzo[b]thien-4-yl)- (9CI) (CA INDEX NAME)



RN 306283-53-4 CAPLUS

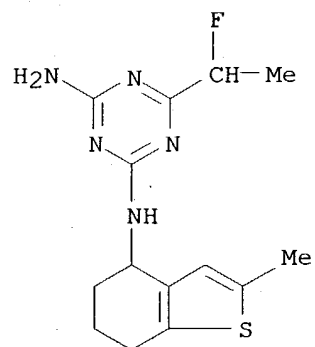
CN 1,3,5-Triazine-2,4-diamine, N-(4,5,6,7-tetrahydro-2-methylbenzo[b]thien-4-yl)-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 306283-54-5 CAPLUS

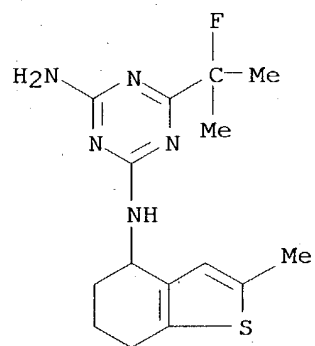
CN 1,3,5-Triazine-2,4-diamine, 6-(1-fluoroethyl)-N-(4,5,6,7-tetrahydro-2-methylbenzo[b]thien-4-yl)- (9CI) (CA INDEX NAME)

V. Balasubramanian



RN 306283-55-6 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, 6-(1-fluoro-1-methylethyl)-N-(4,5,6,7-tetrahydro-2-methylbenzo[b]thien-4-yl)- (9CI) (CA INDEX NAME)



V. Balasubramanian

L5 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:776761 CAPLUS  
DN 128:3686  
TI Preparation of triazine derivatives as antivirals.  
IN Gluzman, Yakov; Larocque, James Paul; O'Hara, Bryan Mark; Morin, John  
Edward; Ellestad, George Alfred; Mitsner, Boris; Ding, Wei-Dong  
PA American Cyanamid Company, USA  
SO Can. Pat. Appl., 45 pp.  
CODEN: CPXXEB  
DT Patent  
LA English  
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2197393	AA	19970814	CA 1997-2197393	19970212
	CN 1163890	A	19971105	CN 1997-104706	19970212
	CN 1062860	B	20010307		
	ZA 9701185	A	19980812	ZA 1997-1185	19970212
	BR 9700939	A	19980901	BR 1997-939	19970212
	AU 9714704	A1	19970821	AU 1997-14704	19970213
	NZ 314225	A	20010330	NZ 1997-314225	19970213
	TW 438797	B	20010607	TW 1997-86101818	19970213
	AU 9734190	A1	19971030	AU 1997-34190	19970814
	AU 710536	B2	19990923		
PRAI	US 1996-11542P	P	19960213		

OS MARPAT 128:3686

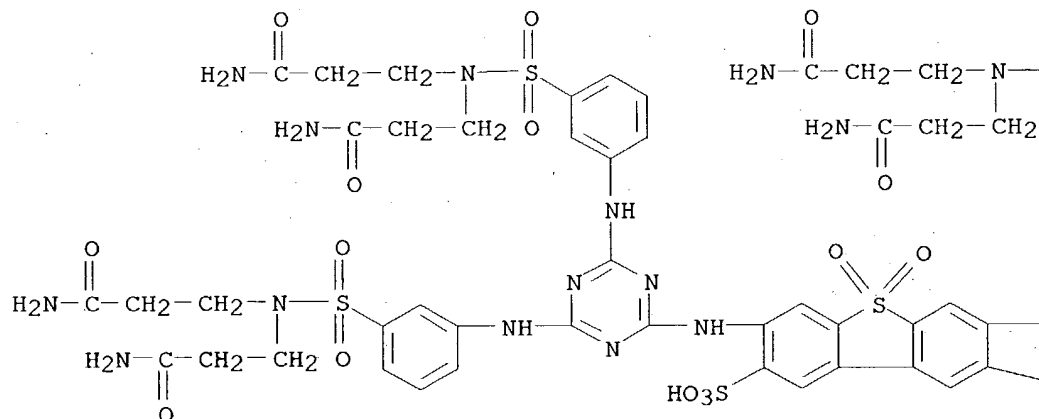
IT 197366-18-0P 197366-68-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of bistriazine anionic compds. as antivirals)

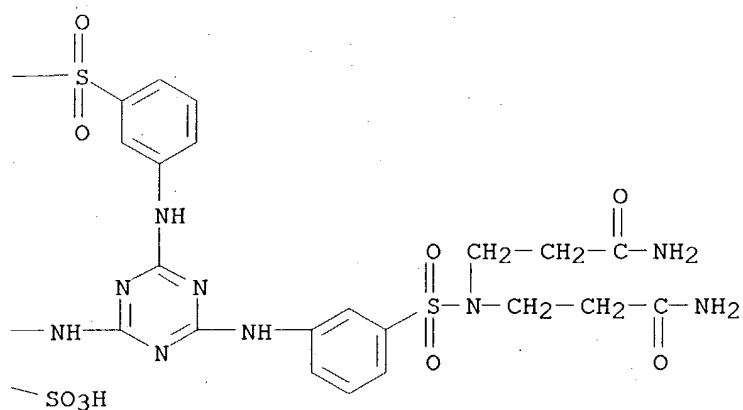
RN 197366-18-0 CAPLUS

CN 2,8-Dibenzothiophenedisulfonic acid, 3,7-bis[[4,6-bis[[3-[[bis(3-amino-3-oxopropyl)amino]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt, 5,5-dioxide (9CI) (CA INDEX NAME)

PAGE 1-A

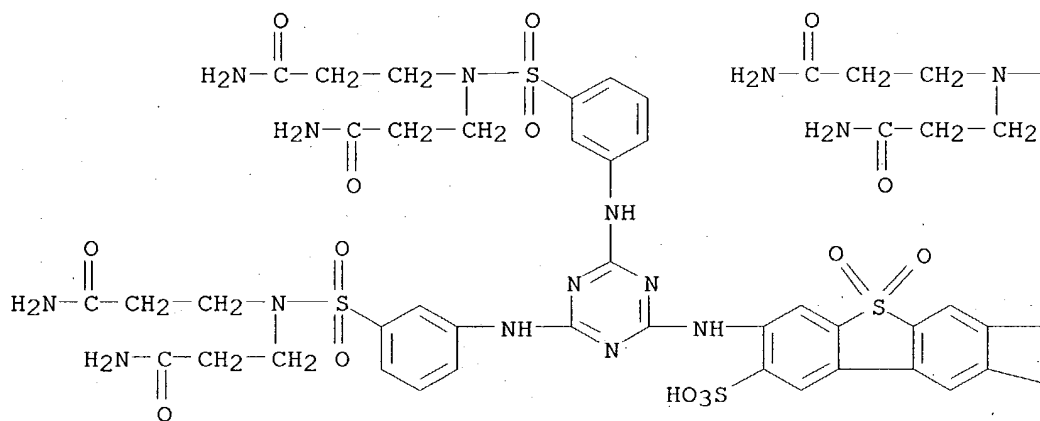


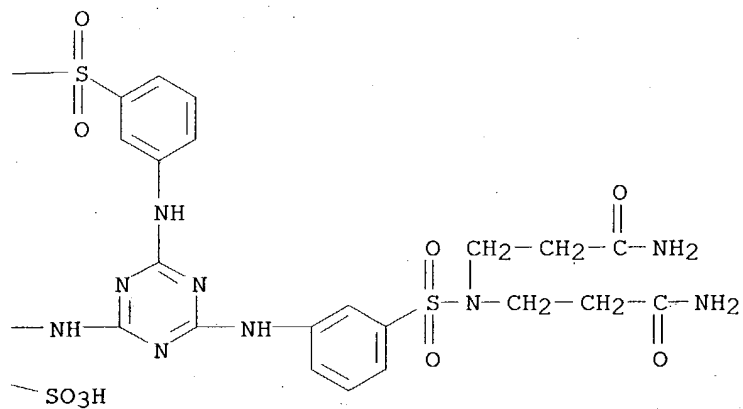
2 Na



RN 197366-68-0 CAPLUS

CN 2,8-Dibenzothienedisulfonic acid, 3,7-bis[[4,6-bis[[3-[[bis(3-amino-3-oxopropyl)amino]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-, 5,5-dioxide (9CI) (CA INDEX NAME)







V. Balasubramanian

L5 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:769193 CAPLUS

DN 128:88933

TI Preparation of triazine-containing anionic compounds and their use as antiviral agents

IN Gluzman, Yakov; Larocque, James Paul; O'Hara, Bryan Mark; Morin, John Edward; Ellestad, George Alfred; Mitsner, Boris; Ding, Wei Dond; Raifekd, Yuri Efimovich; Nikitenko, Antonina Aristotelev

PA American Cyanamid Co., Japan

SO Jpn. Kokai Tokkyo Koho, 31 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09309882	A2	19971202	JP 1997-28029	19970212
	US 5852015	A	19981222	US 1997-789038	19970127
	SK 282598	B6	20021008	SK 1997-179	19970206
	NO 9700652	A	19970814	NO 1997-652	19970212
	CA 2197394	AA	19980727	CA 1997-2197394	19970212
	IL 120206	A1	20000217	IL 1997-120206	19970212
	RU 2170731	C2	20010720	RU 1997-102335	19970212
	CZ 290450	B6	20020717	CZ 1997-423	19970212
	NZ 328399	A	20010427	NZ 1997-328399	19970723
PRAI	US 1996-11542P	P	19960213		
	US 1997-789038	A	19970127		

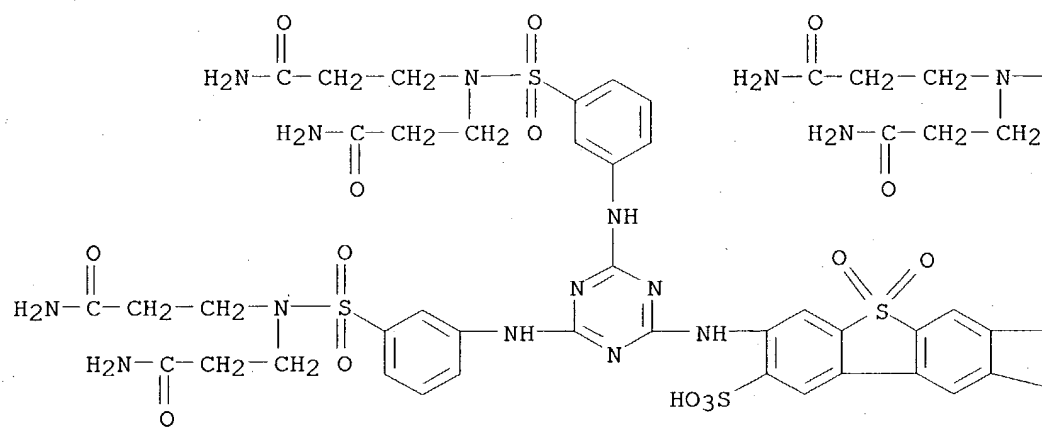
OS MARPAT 128:88933

IT **197366-18-0P 197366-68-0P**

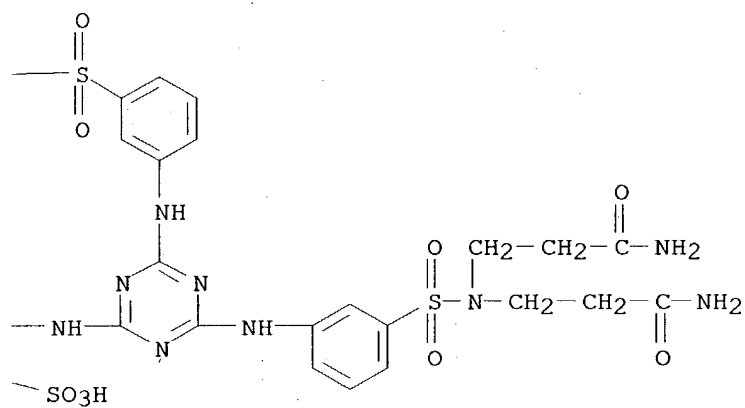
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(prepn. of triazine-contg. anionic compds. as antiviral agents)

RN 197366-18-0 CAPLUS

CN 2,8-Dibenzothiophenedisulfonic acid, 3,7-bis[[4,6-bis[[3-[[bis(3-amino-3-oxopropyl)amino]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt, 5,5-dioxide (9CI) (CA INDEX NAME)



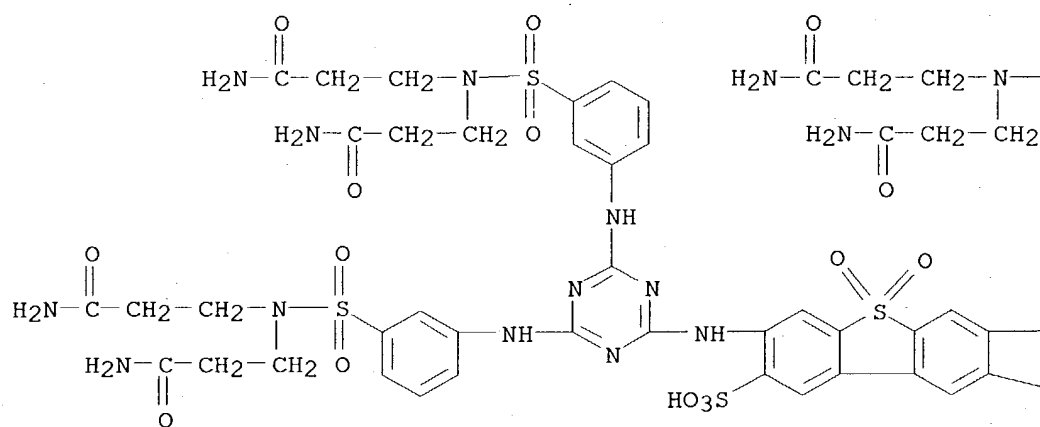
● 2 Na



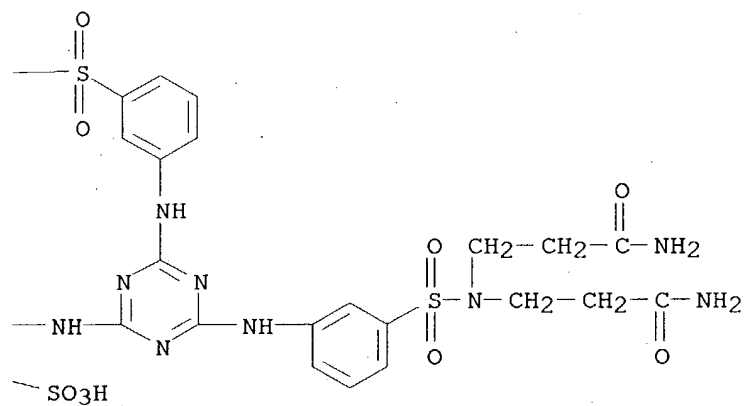
RN 197366-68-0 CAPLUS

CN 2,8-Dibenzothiophenedisulfonic acid, 3,7-bis[[4,6-bis[[3-[[bis(3-amino-3-oxopropyl)amino]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-, 5,5-dioxide (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



V. Balasubramanian

L5 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:632410 CAPLUS

DN 127:307402

TI Preparation of bis-aryloxy(amino)-triazinyl-oxy(amino)aryl derivatives as antiviral agents

IN Gluzman, Yakov; Larocque, James Paul; O'Hara, Bryan Mark; Morin, John Edward; Ellestad, George Alfred; Mitsner, Boris; Ding, Wei-Dong; Raifeld, Yuri Efimovich; Nikitenko, Antonina Aristotelev

PA American Cyanamid Company, USA

SO Eur. Pat. Appl., 40 pp.

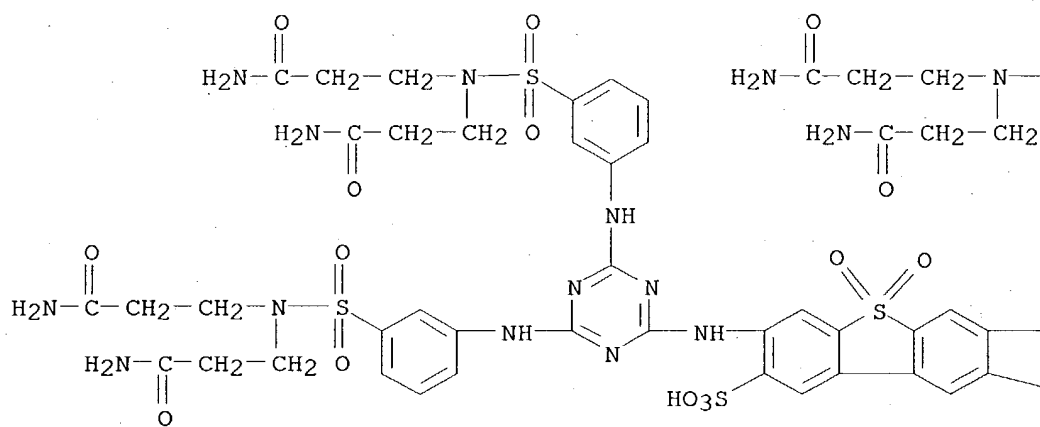
CODEN: EPXXDW

DT Patent

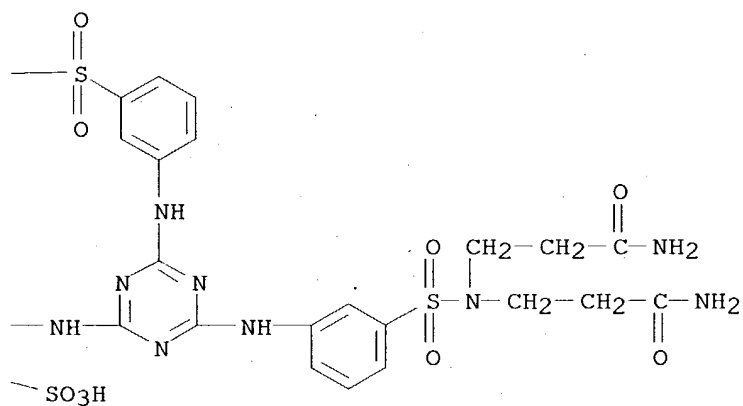
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 795549	A1	19970917	EP 1997-300905	19970212
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	US 5852015	A	19981222	US 1997-789038	19970127
	SK 282598	B6	20021008	SK 1997-179	19970206
	NO 9700652	A	19970814	NO 1997-652	19970212
	CA 2197394	AA	19980727	CA 1997-2197394	19970212
	IL 120206	A1	20000217	IL 1997-120206	19970212
	RU 2170731	C2	20010720	RU 1997-102335	19970212
	CZ 290450	B6	20020717	CZ 1997-423	19970212
	NZ 328399	A	20010427	NZ 1997-328399	19970723
PRAI	US 1996-11542P	P	19960213		
	US 1997-789038	A	19970127		
OS	MARPAT 127:307402				
IT	<b>197366-18-0P 197366-68-0P</b>				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(prepn. of bis-aryloxy(amino)-triazinyl-oxy(amino)aryl derivs. as antiviral agents)				
RN	197366-18-0 CAPLUS				
CN	2,8-Dibenzothiophenedisulfonic acid, 3,7-bis[[4,6-bis[[3-[[bis(3-amino-3-oxopropyl)amino]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt, 5,5-dioxide (9CI) (CA INDEX NAME)				

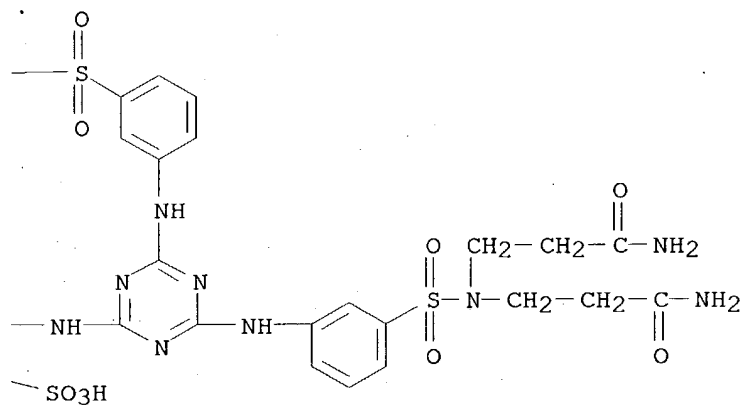
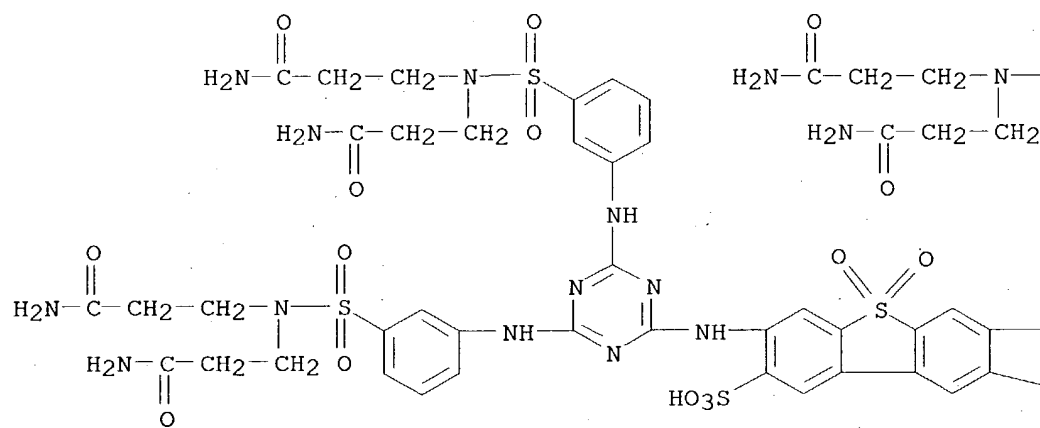


● 2 Na



RN 197366-68-0 CAPLUS

CN 2,8-Dibenzothiophenedisulfonic acid, 3,7-bis[[4,6-bis[[3-[[bis(3-amino-3-oxopropyl)amino]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-, 5,5-dioxide (9CI) (CA INDEX NAME)



V. Balasubramanian

L5 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:594719 CAPLUS

DN 127:262706

TI Preparation of 2-amino-4-cycloalkylamino-1,3,5-triazines as herbicides and plant growth regulators

IN Lorenz, Klaus; Minn, Klemens; Willms, Lothar; Bauer, Klaus; Bieringer, Hermann; Rosinger, Christopher

PA Hoechst Schering Agrevo G.m.b.H., Germany

SO PCT Int. Appl., 92 pp.

CODEN: PIXXD2

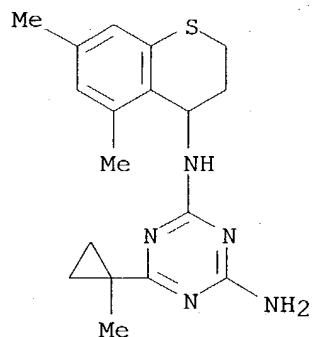
DT Patent

LA German

FAN.CNT 1

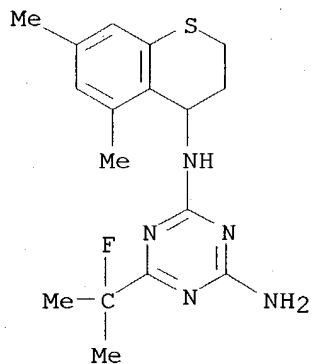
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9731904	A1	19970904	WO 1997-EP702	19970214
	W:	AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, UZ, VN, YU			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	DE 19607450	A1	19970904	DE 1996-19607450	19960228
	CA 2248338	AA	19970904	CA 1997-2248338	19970214
	AU 9717693	A1	19970916	AU 1997-17693	19970214
	AU 714187	B2	19991223		
	EP 885201	A1	19981223	EP 1997-903284	19970214
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI, RO			
	CN 1212687	A	19990331	CN 1997-192683	19970214
	CN 1083439	B	20020424		
	BR 9707781	A	19990727	BR 1997-7781	19970214
	JP 2000505462	T2	20000509	JP 1997-530544	19970214
	US 6069114	A	20000530	US 1997-805576	19970225
	ZA 9701642	A	19971125	ZA 1997-1642	19970226
PRAI	DE 1996-19607450	A	19960228		
	WO 1997-EP702	W	19970214		
OS	MARPAT 127:262706				
IT	196298-65-4P 196298-66-5P 196298-67-6P				
	196298-68-7P 196298-79-0P 196298-94-9P				
	RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of 2-amino-4-cycloalkylamino-1,3,5-triazines as herbicides and plant growth regulators)				
RN	196298-65-4 CAPLUS				
CN	1,3,5-Triazine-2,4-diamine, N-(3,4-dihydro-5,7-dimethyl-2H-1-benzothiopyran-4-yl)-6-(1-methylcyclopropyl)- (9CI) (CA INDEX NAME)				

V. Balasubramanian



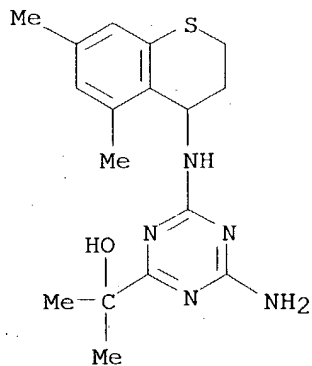
RN 196298-66-5 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(3,4-dihydro-5,7-dimethyl-2H-1-benzothiopyran-4-yl)-6-(1-fluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 196298-67-6 CAPLUS

CN 1,3,5-Triazine-2-methanol, 4-amino-6-[(3,4-dihydro-5,7-dimethyl-2H-1-benzothiopyran-4-yl)amino]-.alpha.,.alpha.-dimethyl- (9CI) (CA INDEX NAME)



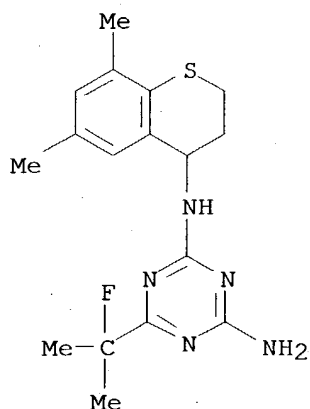
RN 196298-68-7 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(3,4-dihydro-6,8-dimethyl-2H-1-



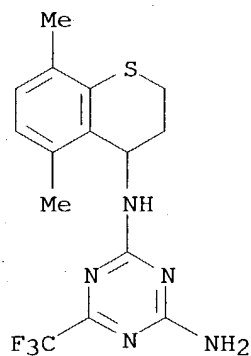
V. Balasubramanian

benzothiopyran-4-yl)-6-(1-fluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 196298-79-0 CAPLUS

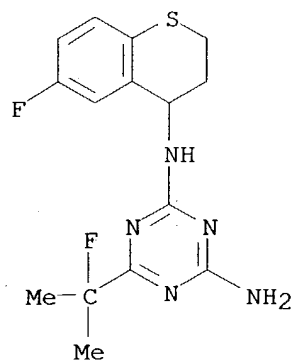
CN 1,3,5-Triazine-2,4-diamine, N-(3,4-dihydro-5,8-dimethyl-2H-1-benzothiopyran-4-yl)-6-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 196298-94-9 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-(6-fluoro-3,4-dihydro-2H-1-benzothiopyran-4-yl)-6-(1-fluoro-1-methylethyl)- (9CI) (CA INDEX NAME)

V. Balasubramanian



V. Balasubramanian

L5 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1995:716835 CAPLUS

DN 123:85950

TI Disazo dyes of the stilbene series, their preparation and use

IN Pedrazzi, Reinhard; Zirngibl, Ulrich

PA Sandoz Ltd., Switz.; Sandoz-Patent-GmbH

SO Eur. Pat. Appl., 51 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 651027	A1	19950503	EP 1994-810617	19941026
	EP 651027	B1	19990818		
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	DE 4337181	A1	19950504	DE 1993-4337181	19931030
	US 5495003	A	19960227	US 1994-330292	19940227
	ES 2137344	T3	19991216	ES 1994-810617	19941026
	CA 2134487	AA	19950501	CA 1994-2134487	19941027
	BR 9404282	A	19950704	BR 1994-4282	19941027
	JP 07196936	A2	19950801	JP 1994-263635	19941027
PRAI	DE 1993-4337181	A	19931030		

OS MARPAT 123:85950

IT 165738-33-0P

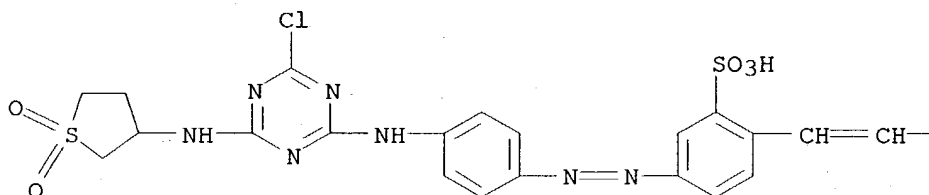
RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(yellow; prepn. of stilbene deriv. disazo dyes for cotton and paper)

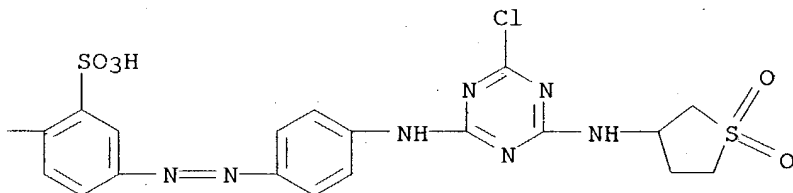
RN 165738-33-0 CAPLUS

CN Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[[4-chloro-6-[(tetrahydro-1,1-dioxido-3-thienyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]azo]- (9CI) (CA INDEX NAME)

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V. Balasubramanian

L5 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1992:485229 CAPLUS

DN 117:85229

TI Triazine derivatives as plant virucides

IN Hofferek, Horst; Noll, Bernd; Keil, Siegfried; Kochmann, Werner;  
Ostermann, Wolf Dieter

PA Chemie A.-G. Bitterfeld-Wolfen, Germany

SO Ger. (East), 7 pp.

CODEN: GEXXA8

DT Patent

LA German

FAN.CNT 1

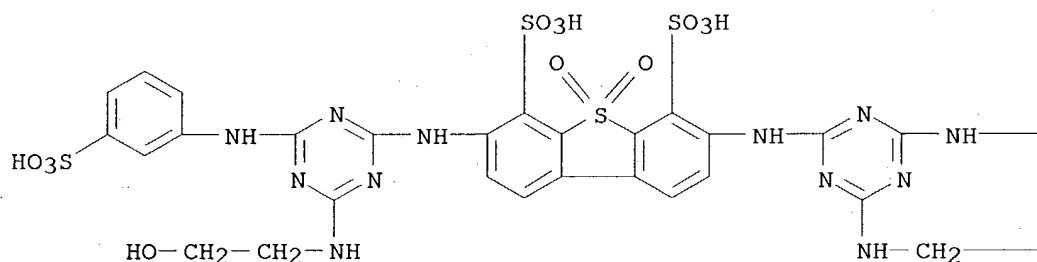
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 298196	A5	19920213	DD 1989-326011	19890224
PRAI	DD 1989-326011		19890224		
OS	MARPAT 117:85229				
IT	<b>142629-64-9</b>				

RL: BIOL (Biological study)  
(as virucide, for plants)

RN 142629-64-9 CAPLUS

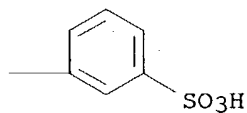
CN 4,6-Dibenzothiophenedisulfonic acid, 3,7-bis[[4-[(2-hydroxyethyl)amino]-6-  
[(3-sulphophenyl)amino]-1,3,5-triazin-2-yl]amino]-, 5,5-dioxide,  
tetrasodium salt (9CI) (CA INDEX NAME)

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●4 Na

PAGE 1-B



-CH<sub>2</sub>-OH

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L5 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1992:421930 CAPLUS

DN 117:21930

TI Triazine compounds as fungicides

IN Hofferek, Horst; Lyr, Horst; Noll, Bernd; Keil, Siegfried; Kochmann, Werner

PA Chemie A.-G. Bitterfeld-Wolfen, Germany

SO Ger. (East), 8 pp.

CODEN: GEXXA8

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 298199	A5	19920213	DD 1989-326014	19890224
	DD 298199	B5	19940203		
PRAI	DD 1989-326014		19890224		

OS MARPAT 117:21930

IT 141976-25-2

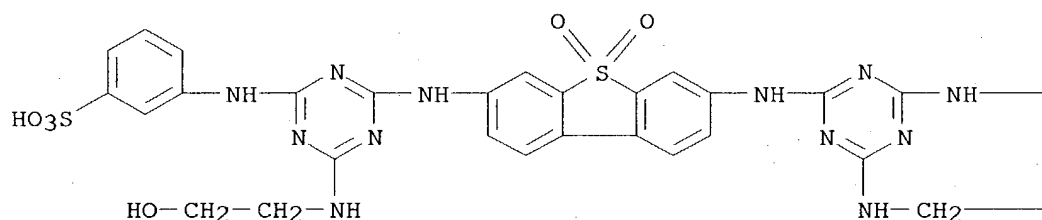
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)

(as fungicide, agrochem.)

RN 141976-25-2 CAPLUS

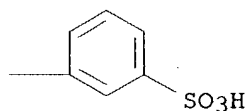
CN Benzenesulfonic acid, 3,3'-[(5,5-dioxido-3,8-dibenzothiophenediyl)bis[imino o[6-[(2-hydroxyethyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis-, disodium salt (9CI) (CA INDEX NAME)

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● 2 Na

PAGE 1-B



-CH2-OH

V. Balasubramanian

L5 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1966:94426 CAPLUS

DN 64:94426

OREF 64:17839c-e

TI Elastic films and fibers from isocyanate-modified polyhydroxy compounds and triazines

IN Gehm, Robert; Kunde, Joachim; Metres, Friedrich

PA Badische Anilin- & Soda-Fabrik A.-G.

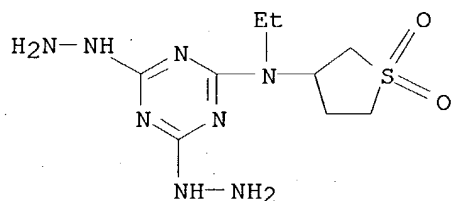
SO 4 pp.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1212720		19660317	DE	19640606
	BE 665020			BE	
	FR 1437010			FR	
IT	<b>7330-71-4</b> , s-Triazine, 2-[ethyl(tetrahydro-3-thienyl)amino]-4,6-dihydrazino-, S,S-dioxide (reaction product with isocyanatemodified polyesters)				
RN	7330-71-4 CAPLUS				
CN	s-Triazine, 2-[ethyl(tetrahydro-3-thienyl)amino]-4,6-dihydrazino-, S,S-dioxide (7CI, 8CI) (CA INDEX NAME)				



V. Balasubramanian

L5 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1966:16001 CAPLUS

DN 64:16001

OREF 64:2908h,2909a-d

TI Supersensitization of photographic silver halide emulsions

IN Brunken, Johannes; Poppe, Ernst J.; Schindler, Wolfgang

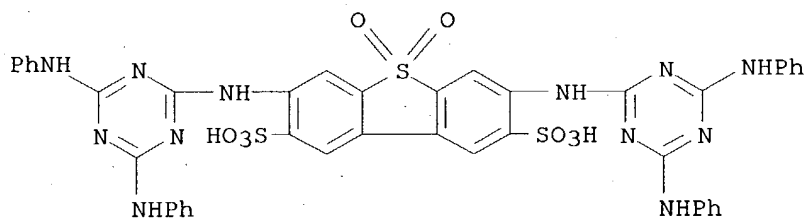
SO 5 pp.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 39717		19650805	DD	19631221
IT	<b>7396-29-4</b> , 2,8-Dibenzothiophenedisulfonic acid, 3,7-bis[(4,6-dianilino-s-triazin-2-yl)amino]-, 5,5-dioxide (in photographic hypersensitization)				
RN	7396-29-4 CAPLUS				
CN	2,8-Dibenzothiophenedisulfonic acid, 3,7-bis[(4,6-dianilino-s-triazin-2-yl)amino]-, 5,5-dioxide (7CI, 8CI) (CA INDEX NAME)				





V. Balasubramanian

L5 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1965:3468 CAPLUS

DN 62:3468

OREF 62:674d-f

TI Dyes containing 4,6-diamino-1,3,5-triazin-2-yl-amino groups

PA Badische Anilin- & Soda-Fabrik AG

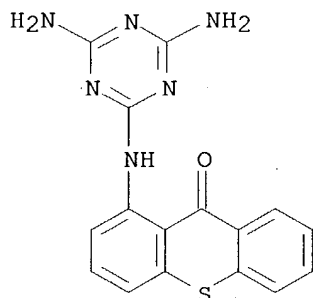
SO 12 pp.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	GB 942555		19631127	GB	
	DE 1187754			DE	
PRAI	DE		19590523		
IT	<b>97472-17-8</b> , Thioxanthenesulfonic acid, 1-[(4,6-diamino-s-triazin-2-yl)amino]-9-oxo- (prepn. of)				
RN	97472-17-8	CAPLUS			
CN	Thioxanthenesulfonic acid, 1-[(4,6-diamino-s-triazin-2-yl)amino]-9-oxo- (7CI) (CA INDEX NAME)				



D1-SO<sub>3</sub>H

V. Balasubramanian

L5 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1964:46176 CAPLUS

DN 60:46176

OREF 60:8170g-h,8171a-c

TI Thioindigoid vat dyes containing triazine groups

PA CIBA Ltd.

SO 9 pp.

DT Patent

LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	GB 936414		19630911	GB	
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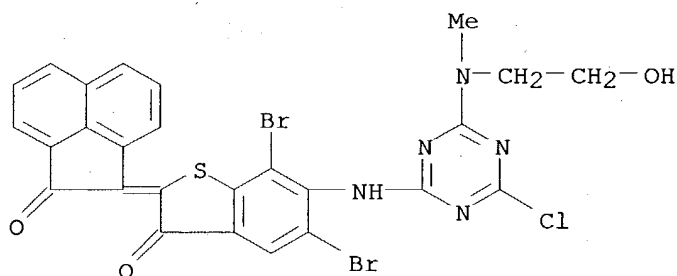
	CH 387849			CH	
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PRAI	CH		19591201		
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IT **101636-21-9**, Benzo[b]thiophen-3(2H)-one, 5,7-dibromo-6-[[4-chloro-6-[(2-hydroxyethyl)methylamino]-s-triazin-2-yl]amino]-2-(2-oxo-1-acenaphthenylidene)- **103864-23-9**, Benzo[b]thiophen-3(2H)-one, 6-[[4-chloro-6-[(2-hydroxyethyl)amino]-s-triazin-2-yl]amino]-2-(2-oxo-1-acenaphthenylidene)- **104781-26-2**, [.DELTA.2,2' (3H,3'H)-Bibenzo[b]thiophene]-3,3'-dione, 5-[[4-[bis(2-hydroxyethyl)amino]-6-chloro-s-triazin-2-yl]amino]- (prepn. of)

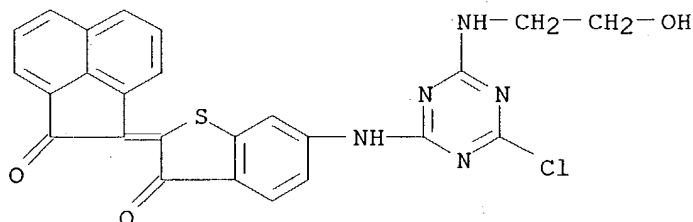
RN 101636-21-9 CAPLUS

CN Benzo[b]thiophen-3(2H)-one, 5,7-dibromo-6-[[4-chloro-6-[(2-hydroxyethyl)methylamino]-s-triazin-2-yl]amino]-2-(2-oxo-1-acenaphthenylidene)- (7CI) (CA INDEX NAME)



RN 103864-23-9 CAPLUS

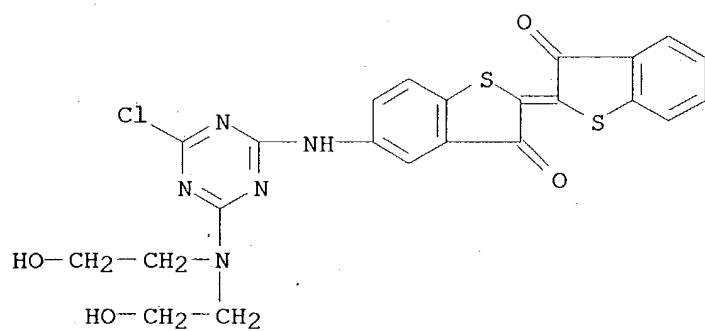
CN Benzo[b]thiophen-3(2H)-one, 6-[[4-chloro-6-[(2-hydroxyethyl)amino]-s-triazin-2-yl]amino]-2-(2-oxo-1-acenaphthenylidene)- (7CI) (CA INDEX NAME)



RN 104781-26-2 CAPLUS

CN [.DELTA.2,2' (3H,3'H)-Bibenzo[b]thiophene]-3,3'-dione, 5-[[4-[bis(2-hydroxyethyl)amino]-6-chloro-s-triazin-2-yl]amino]- (7CI) (CA INDEX NAME)

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L5 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1962:25999 CAPLUS

DN 56:25999

OREF 56:4996i,4997a

TI Prevention of formation of precipitates and discolorations by metallic ions in aqueous media for textile finishing

PA Joh. A. Benckiser G.m.b.H., Chemische Fabrik.

SO Addn. to Brit. 857,518 (CA 55, 15790e)

DT Patent

LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	GB 873488			GB	
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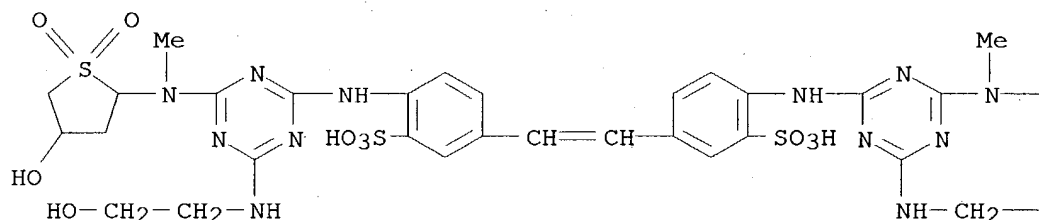
PRAI	DE		19561219		
------	----	--	----------	--	--

IT **105255-42-3**, 3,3'-Stilbenedisulfonic acid, 4,4'-bis[[4-[(2-hydroxyethyl)amino]-6-[methyl(tetrahydro-4-hydroxy-2-thienyl)amino]-s-triazin-2-yl]amino]-, tetraoxide, disodium salt (manuf. of and optical bleaching by)

RN 105255-42-3 CAPLUS

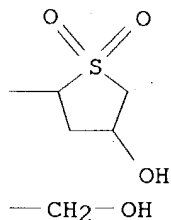
CN 3,3'-Stilbenedisulfonic acid, 4,4'-bis[[4-[(2-hydroxyethyl)amino]-6-[methyl(tetrahydro-4-hydroxy-2-thienyl)amino]-s-triazin-2-yl]amino]-, tetraoxide, disodium salt (7CI) (CA INDEX NAME)

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●2 Na

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V. Balasubramanian

L5 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1961:134227 CAPLUS

DN 55:134227

OREF 55:25269b-i,25270a-c

TI Thioxanthonylamino- and acridonylamino-triazine dyes

IN Stauble, Max; Weber, Kurt

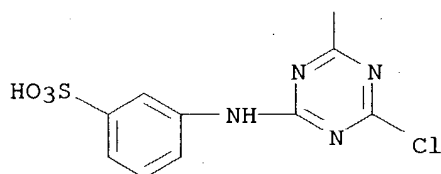
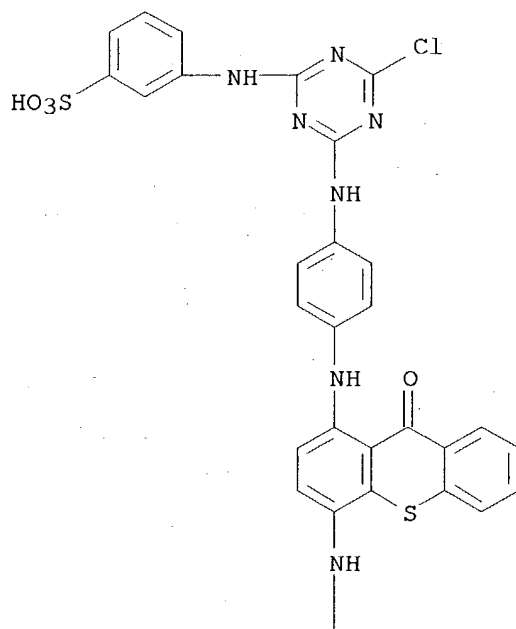
PA C I B A Ltd.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2993045		19610718	US	
	CH 373118			CH	
	DE 1156532			DE	
	GB 877456			GB	
IT	<b>108625-02-1</b> , Metanilic acid, N-{4-chloro-6-{4-{[4-(4-chloro-6-m-sulfoanilino-s-triazin-2-yl)amino]-9-oxothioxanthen-1-yl}amino)sulfoanilino}-s-triazin-2-yl}- <b>109697-81-6</b> , Thioxanthene-2-sulfonic acid, 1-amino-4-[(4-amino-6-chloro-s-triazin-2-yl)amino]-9-oxo- <b>110253-36-6</b> , Thioxanthenesulfonic acid, 1-[[4-chloro-6-(2,5-disulfoanilino)-s-triazin-2-yl]amino]-4-methyl-9-oxo- <b>115986-52-2</b> , Thioxanthenesulfonic acid, 1-[(4-chloro-6-m-sulfoanilino-s-triazin-2-yl)amino]-4-methyl-9-oxo- <b>116601-49-1</b> , Thioxanthene-2-sulfonic acid, 1-amino-4-[(4-chloro-6-m-sulfoanilino-s-triazin-2-yl)amino]-9-oxo- <b>116957-20-1</b> , Metanilic acid, N-{4-chloro-6-[(9-oxo-1-sulfoanilinothioxanthen-4-yl)amino]-s-triazin-2-yl}- <b>116998-88-0</b> , Thioxanthene-2-sulfonic acid, 4-[(4-chloro-6-o-sulfoanilino-s-triazin-2-yl)amino]-1-ethylamino-9-oxo- <b>117147-38-3</b> , Benzoic acid, p-{{4-chloro-6-[(9-oxo-1-sulfoanilinothioxanthen-4-yl)amino]-s-triazin-2-yl}amino}- (prepn. of)				
RN	108625-02-1	CAPLUS			
CN	Metanilic acid, N-[4-chloro-6-[4-[[4-[(4-chloro-6-m-sulfoanilino-s-triazin-2-yl)amino]-9-oxothioxanthen-1-yl]amino]sulfoanilino]-s-triazin-2-yl]- (6CI) (CA INDEX NAME)				

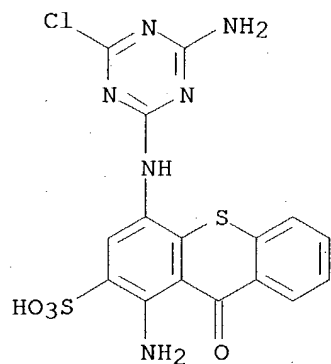


D1-SO<sub>3</sub>H

RN 109697-81-6 CAPLUS

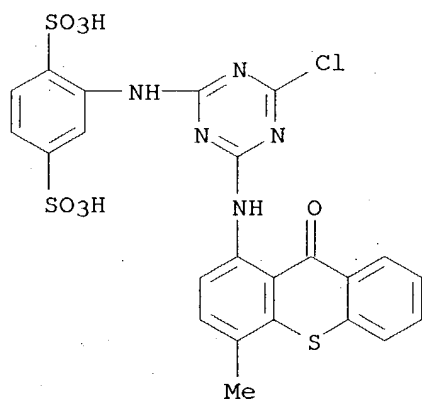
CN Thioxanthene-2-sulfonic acid, 1-amino-4-[(4-amino-6-chloro-s-triazin-2-yl)amino]-9-oxo- (6CI) (CA INDEX NAME)

V. Balasubramanian



RN 110253-36-6 CAPLUS

CN Thioxanthenesulfonic acid, 1-[[4-chloro-6-(2,5-disulfoanilino)-s-triazin-2-yl]amino]-4-methyl-9-oxo- (6CI) (CA INDEX NAME)

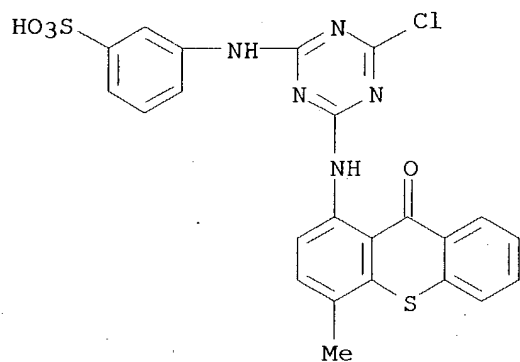


D1-SO<sub>3</sub>H

RN 115986-52-2 CAPLUS

CN Thioxanthenesulfonic acid, 1-[(4-chloro-6-m-sulfoanilino)-s-triazin-2-yl]amino]-4-methyl-9-oxo- (6CI) (CA INDEX NAME)

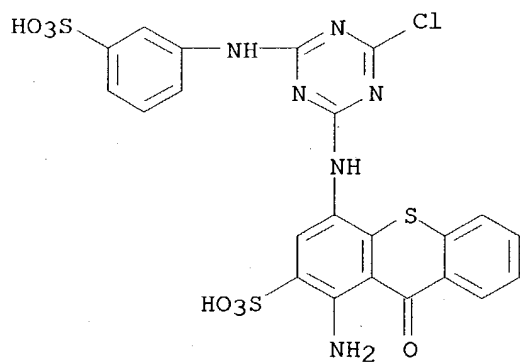
V. Balasubramanian



D1-SO<sub>3</sub>H

RN 116601-49-1 CAPLUS

CN Thioxanthene-2-sulfonic acid, 1-amino-4-[(4-chloro-6-m-sulfoanilino-s-triazin-2-yl)amino]-9-oxo- (6CI) (CA INDEX NAME)



RN 116957-20-1 CAPLUS

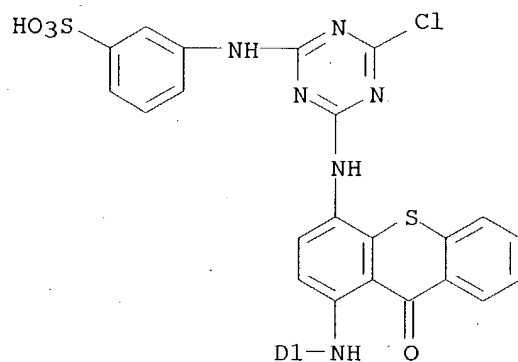
CN Metanilic acid, N-[4-chloro-6-[(9-oxo-1-sulfoanilinothioxanthen-4-yl)amino]-s-triazin-2-yl]- (6CI) (CA INDEX NAME)

PAGE 1-A



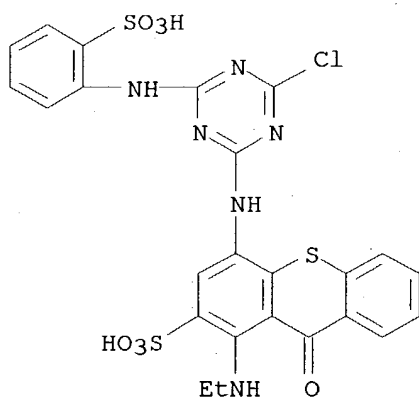
D1-SO<sub>3</sub>H





RN 116998-88-0 CAPLUS

CN Thioxanthene-2-sulfonic acid, 4-[(4-chloro-6-o-sulfoanilino-s-triazin-2-yl)amino]-1-ethylamino-9-oxo- (6CI) (CA INDEX NAME)

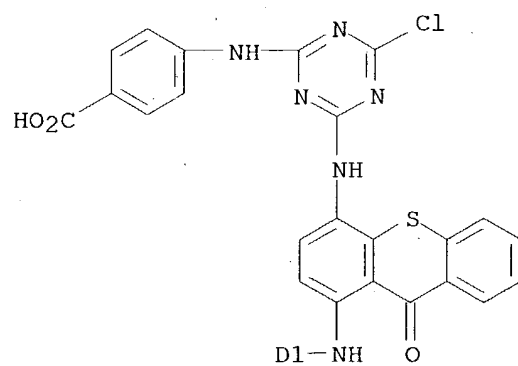


RN 117147-38-3 CAPLUS

CN Benzoic acid, p-[[4-chloro-6-[(9-oxo-1-sulfoanilinothioxanthen-4-yl)amino]-s-triazin-2-yl]amino]- (6CI) (CA INDEX NAME)



D1-SO3H



V. Balasubramanian

L5 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1959:9410 CAPLUS

DN 53:9410

OREF 53:1763a-e

TI N,N' - Disubstituted 3,7 - diaminopolysulfodibenzothiophene dioxides

IN Anderson, Norman L.

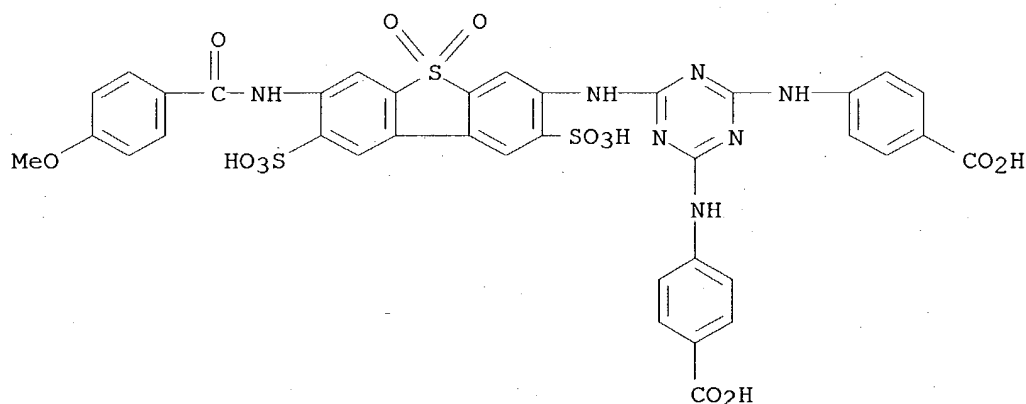
PA Allied Chemical & Dye Corp.

DT Patent

LA Unavailable

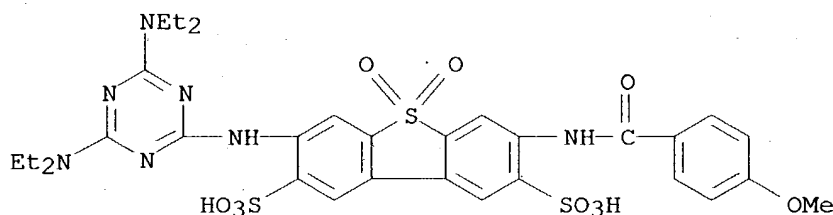
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2845423		19580729	US	
IT	<b>108519-43-3</b> , Benzoic acid, 4,4'-[6-[(7-p-anisamido-2,8-disulfo-3-dibenzothieryl)amino]-s-triazine-2,4-diyl]diimino}di-, S,S-dioxide <b>108651-41-8</b> , 2,8-Dibenzothiophenedisulfonic acid, 3-p-anisamido-7-[[4,6-bis(diethylamino)-s-triazin-2-yl]amino]-, 5,5-dioxide (prepn. of)				
RN	108519-43-3	CAPLUS			
CN	Benzoic acid, 4,4'-[6-[(7-p-anisamido-2,8-disulfo-3-dibenzothieryl)amino]-s-triazine-2,4-diyl]diimino}di-, S,S-dioxide (6CI) (CA INDEX NAME)				



RN 108651-41-8 CAPLUS

CN 2,8-Dibenzothiophenedisulfonic acid, 3-p-anisamido-7-[[4,6-bis(diethylamino)-s-triazin-2-yl]amino]-, 5,5-dioxide (6CI) (CA INDEX NAME)



V. Balasubramanian